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(54) Title: DATA MINING

(57) Abstract: A method of searching for data patterns in a dynamically changing data store, the data store holding a plurality of data records, the method comprising: creating a new data agent for each new data record that arrives at the data store, the new data agent being implemented as an executable program and having a decision engine operable to match the represented data record with other data records based on a data cluster valuation formula; wherein the new data agent negotiates with any existing agents in the system to form a cluster of data records representing said data patterns.

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